

SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

Published Monthly Since 1969 • Our 31st Year

Single Copy: \$1.25

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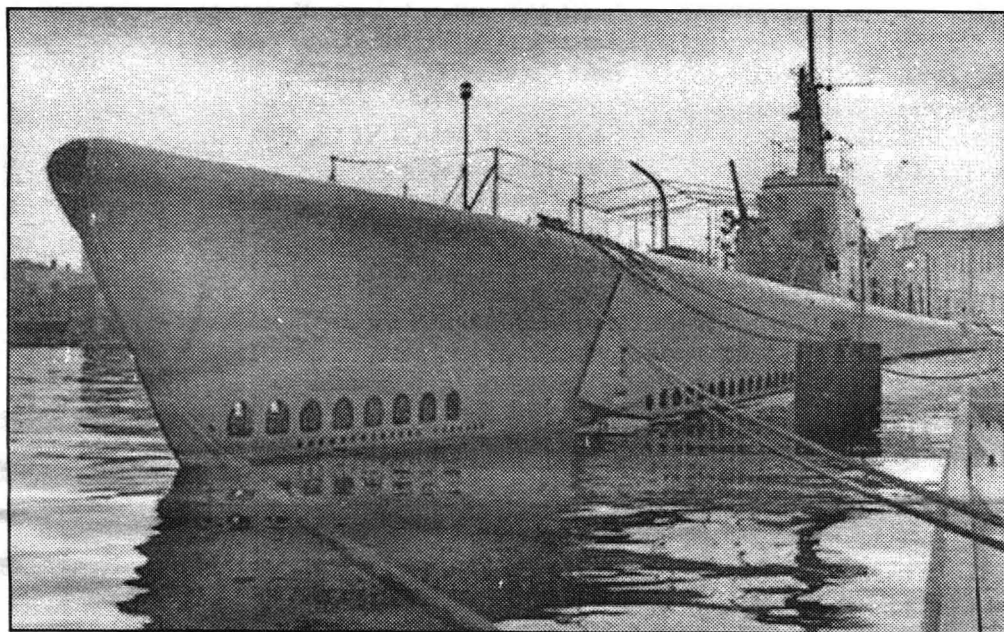
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Vol. 30 No. 7 • 363rd Consecutive Monthly Issue • Baraboo, Wisconsin • July 2000

Submarines on the Air: Manitowoc's Cobia does the best from W9DK

By Fred Neuenfeldt, W6BSF



The WWII submarine USS Cobia at home, docked in the Manitowoc River.

April 28th (Friday): The annual event is almost here and our anticipation is building. The antennas were setup on the submarine this afternoon. This year we used 2 coaxial slopers (one for 20M and one for 40M) running from the conning tower to the front and back of the sub. We also installed a Cushcraft R7 Vertical on the rear of the sub for use on 10/15M. It sure is nice to be able to set up the antennas the day before, as it saves us time on Saturday morning. After all of the antennas were up you could just feel the anticipation in the air.

April 28th (Saturday): The big day is finally here. After a nice early breakfast at one of the local eateries in town we all met at the sub around 7:30 a.m. and unloaded all

of the equipment from our vehicles and carried it all aboard the sub. One piece at a time, it was all lowered down the hatch via a nice strong rope. The anticipation of getting on the air now is really building. The two rigs (Icom 756 pro and Kenwood TS-570D) were set up in the crew's mess and last minute tests were made. Note: we always use the crew's mess due to the fact that we have a hatch right above us and it makes it easy for the coax coming in.

It's now 8:45 a.m., and all the rigs are ready to go. After a few CQ Special events calls on 20 and 40M, the pileups started. Everyone out there was waiting 'for the

Please turn to page 5



The hearty W9DK/Cobia crew: Keith, KS9WI; Tom, K0EFV; Dennis, W9DWN; Bob, KB9INK; Paul, AA9WI; and Fred, W6BSF.

Photos courtesy Fred Neuenfeldt, W6BSF

Under the funnel: A first-person account

Basement!

By Dave Parker, WB9WHG



Tornados often leave a mess, sometimes worse. Dave Parker, WB9WHG, and his wife were OK after an F-2 tornado gave them an open-air home at Iron Ridge.

Photos courtesy Dave, Parker, WB9WHG

June 1 was an ordinary work day for my wife and I. I got home about five, and was monitoring our local ARES weather net, which was starting to form up due to the heavy storm activity that was approaching. There seemed to be enough stations on the repeater for net control and relay duties, and the immediate area of concern was in the northern part of Dodge county, so I listened but did not have anything to report.

The Sheriff set off the sirens in our county about 5:45 p.m., which heightened

my "state of alert", but there was no indication that there was anything nearby. My wife called from the Iron Ridge Village Hall when the sirens went off asking if there was anything to worry about, and I stated that it was OK at the moment, but I couldn't say what might happen 15 minutes from now, so it would be good to get home - soon. Arnie, KA9FNE, called in a report with 50 MPH winds, measured, at Juneau, which notched

Please turn to page 4

FLIPPING THE PAGES

What's Happening: Edited by Ken Ebner, K9EN and Jim Romelfanger, K9ZZ	2
Special Event Stations	4
Madison Area All-Ham Picnic	5
The Computer Corner - Stan Kaplan, WB9RQR: No. 80 - A Virus Primer	6
Scholarship Winners Announced by Foundation for Amateur Radio	6
Wisconsin Valley Radio Association	7
Wisconsin Nets Association	7
Lakeshore Repeater Association	8
Quarter Century Wireless Association/Southeastern Wisconsin Chapter 162	8
Red Cedar Repeater Association	8
Racine Megacycle Club	8
ManCoRad Radio Club	9
Marshfield Area Amateur Radio Society	9
Sheboygan County Amateur Radio Club	9
The Wisconsin Packeteer	10
Yellow Thunder Amateur Radio Club	11



WHAT'S HAPPENING

Swapfests and Other Social Events Club Meetings
Amateur Radio Exam Schedules

Edited by Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901 ·
kebnet@palacenet.net

Swapfests and Other Social Events

SATURDAY, JULY 8, 2000 Hamfest 00 South Milwaukee Amateur Radio Club, American Legion Park, 9327 South Shepard Ave, Oak Creek Info: Verne at (414) 762-3235

SUNDAY, AUGUST 6, 2000. Marshfield Area ARS annual HAMNIC. Tenth annual picnic. Gather around 11 a.m. Potluck and Swapfest in Wildwood Park, Marshfield WI. Talk in 147.180. Contact: Guy Boucher, KF9XX, 107 West Third St., Marshfield, WI 54449. (715) 384-4323. e-mail: guyboucher@tzn.net Packet: KF9XX@W9IHW.E5.AL.WI.USA.NA

SATURDAY, AUGUST 12, 2000 Circus City Swapfest Sauk County Fairgrounds, Baraboo, WI. Circus City Swapfest Info: Steve, N9UDO (608) 356-2313 or n9udo@arri.net Bill, N9KXX (608) 643-6908 (days), (608) 643-6453 (evenings).
<http://members.baraboo.com/sschulze/hamfest.htm>

SATURDAY, SEPTEMBER 16, 1999. W9DXCC Convention and Banquet. Holiday Inn, Rolling Meadows, IL. <http://www.qth.com/w9dxcc>

SATURDAY/SUNDAY, SEPTEMBER 15-17, 2000. Peoria Superfest 2000, Peoria, IL. Contact: Peoria Superfest PO Box 3508 Peoria, IL 61612-3378. (309) 692-3378. e-mail: superfest@juno.com <http://www.peoriasuperfest.com>

SATURDAY/SUNDAY, SEPTEMBER 23-24, 2000. Radio Expo 2000 at Lake County Fairgrounds, Grayslake, IL. Contact: (708) 457 0966. <http://www.chicagofmclub.org>

SATURDAY, OCTOBER 8, 2000. Cedarville, IL. Contact Ruben Dowman, KB9OLF. (815) 563-9020. Mel Welch N0RPN, (815) 563-4377 or Russ Love, N9LXS, (815) 563-4921.

SUNDAY, OCTOBER 9, 2000. Hamfest, Jane Addams Community Center, 430 West Washington St., Cedarville, IL. Contact: Ruben Dowman, KB9OLF, (815) 563-9020.

SATURDAY, OCTOBER 28, 2000. HAMFEST Minnesota, St. Paul, MN. Contact: PO Box 5598, Hopkins, MN 55343. (952) 535-0637.

SATURDAY, JANUARY 6, 2001. West Allis Radio Amateur Club Midwinter Swapfest, Waukesha WI. Contact: WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201. <http://www.WARAC.org>

FEBRUARY 27, 2001. Red Cedar Repeater Association Auction American Legion Post 53, 634 Water St., Eau Claire WI. Information: Steve Hart, KA9OMC. (715) 665-2374.

SUNDAY, MARCH 25, 2001. NS9RCfest, Formerly LAMARSfest, Lake County Fairgrounds, Grayslake, IL. Sponsored by North Shore Radio Club, Box 1066, Highland Park IL 60035. <http://www.ns9rc.org>

SUNDAY, MARCH 11, 2001. Wisconsin QSO Party, Sponsored by the West Allis Radio Amateur Club. <http://www.WARAC.org>

As a service to our readers, this section is available without charge to list your upcoming swapfest, hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to kebnet@palacenet.net.

SATURDAY, JUNE 9, 2001
Eau Claire Amateur Radio Club
Hamfest 2001
Information: Jim Staatz, KG9RA
P.O. Box 1867, Eau Claire WI 54702-1867
Web: <http://www.ecarc.org> Email: w9ean@ecarc.org

SATURDAY, JULY 8, 2000
Hamfest 00
South Milwaukee Amateur Radio Club
American Legion Park, Oak Creek
Info: Verne at (414) 762-3235

SATURDAY, AUGUST 12, 2000
Circus City Swapfest
Sauk County Fairgrounds, Baraboo, WI
Circus City Swapfest Info

As a service to our readers, this section is available without charge to list your upcoming swapfest, hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to kebnet@palacenet.net. w9ean@ecarc.org

Badger State Smoke Signals

Amateur Radio
Education and Information

CHAIRMAN: Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. kebnet@palacenet.net

EDITOR: Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031. smokesigs@baraboo.com

TREASURER: Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage WI 53901.

EDITORIAL BOARD: Ken Ebner, K9EN; Don Evenson, K9JYX; Jim Romelfanger, K9ZZ.

Subscription Rate

1 year (12 issues) \$13.95

Subscription form is on page 5. Special club package reduced rates are available. For information, contact Ken Ebner, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebner.

Editorial material, photographs, and feature articles should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebner.

Club, swapfest, and Test Point information should be sent to Ken Ebner.

Swapfest ADS should be sent to Jim Romelfanger NO LATER THAN EIGHT WEEKS BEFORE THE EVENT'S DATE.

Subscriptions should be sent, with check or money order, to Ken Ebner.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

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This newspaper is produced by volunteer radio amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Badger State Smoke Signals is incorporated as a Wisconsin non-stock, non-for-profit organization.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

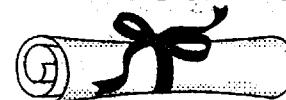


CLUB MEETING

Due to space limitations, we cannot include the complete meetings listing every month. Please see the June 2000 listing for the latest information. The latest upto date information is also listed on our web site. The following are additions since the June 2000 BSSS listing.

EAU CLAIRE AMATEUR RADIO CLUB
Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, (715) 838-9108, or kg9ra@ecarc.org. Web page: <http://www.ecarc.org>

The Test Point



Amateur Radio Examination Locations and
Schedules in the Wisconsin Area

July 08, 2000	Blaine, MN
July 08, 2000	Madison, WI
July 13, 2000	Apple Valley, MN
July 15, 2000	Cottage Grove, MN
July 15, 2000	Loves Park, IL
July 15, 2000	Milwaukee, WI (BE)
July 18, 2000	Eden Prairie, MN
July 18, 2000	Sheboygan, WI
July 22, 2000	Bloomington, MN
July 29, 2000	Milwaukee, WI (MRAC)

July 29, 2000 Tomahawk, WI
 August 03, 2000 Oshkosh (Omro), WI
 August 03, 2000 St. Paul, MN
 August 10, 2000 Apple Valley, MN
 August 12, 2000 Blaine, MN
 August 12, 2000 Madison, WI
 August 15, 2000 Eden Prairie, MN
 August 19, 2000 Bloomington, MN
 August 19, 2000 Cottage Grove, MN
 August 19, 2000 Loves Park, IL
 August 19, 2000 Milwaukee, WI (BE)
 August 19, 2000 Milwaukee, WI (MRAC)
 August 19, 2000 Tomahawk, WI
 September 02, 2000 Oshkosh (Omro), WI
 September 02, 2000 Racine, WI
 September 02, 2000 St. Paul, MN
 September 09, 2000 Appleton, WI
 September 09, 2000 Blaine, MN
 September 09, 2000 Madison, WI
 September 14, 2000 Apple Valley, MN
 September 16, 2000 Cottage Grove, MN
 September 16, 2000 Loves Park, IL
 September 16, 2000 Milwaukee, WI (BE)
 September 16, 2000 Onalaska, WI
 September 16, 2000 Sheboygan, WI
 September 19, 2000 Eden Prairie, MN
 September 23, 2000 Bloomington, MN
 September 30, 2000 Milwaukee, WI (MRAC)
 September 30, 2000 Tomahawk, WI
 October 07, 2000 Oshkosh (Omro), WI
 October 07, 2000 Racine, WI
 October 07, 2000 Eau Claire, WI
 October 07, 2000 St. Paul, MN
 October 12, 2000 Apple Valley, MN
 October 14, 2000 Blaine, MN
 October 14, 2000 Eau Claire, WI
 October 14, 2000 Madison, WI
 October 17, 2000 Eden Prairie, MN
 October 21, 2000 Cottage Grove, MN
 October 21, 2000 Loves Park, IL
 October 21, 2000 Milwaukee, WI (BE)
 October 28, 2000 Bloomington, MN
 October 28, 2000 Milwaukee, WI (MRAC)
 October 28, 2000 Tomahawk, WI
 November 04, 2000 Menomonie, WI
 November 04, 2000 Onalaska, WI
 November 04, 2000 Oshkosh (Omro), WI
 November 04, 2000 Racine, WI
 November 04, 2000 St. Paul, MN
 November 05, 2000 Kaukauna, WI
 November 11, 2000 Blaine, MN
 November 11, 2000 Madison, WI
 November 14, 2000 Apple Valley, MN
 November 18, 2000 Cottage Grove, MN
 November 18, 2000 Loves Park, IL
 November 18, 2000 Milwaukee, WI (BE)
 November 21, 2000 Eden Prairie, MN
 November 21, 2000 Sheboygan, WI
 November 25, 2000 Bloomington, MN
 November 25, 2000 Milwaukee, WI (MRAC)
 November 25, 2000 Tomahawk, WI
 December 02, 2000 Oshkosh (Omro), WI
 December 02, 2000 Racine, WI
 December 02, 2000 St. Paul, MN
 December 02, 2000 Eau Claire, WI
 December 09, 2000 Blaine, MN
 December 09, 2000 Madison, WI
 December 14, 2000 Apple Valley, MN
 December 16, 2000 Cottage Grove, MN
 December 16, 2000 Loves Park, IL
 December 16, 2000 Milwaukee, WI (BE)
 December 19, 2000 Eden Prairie, MN
 December 23, 2000 Bloomington, MN
 January 27, 2001 Appleton, WI
 Monthly, 1st Sat. Racine, WI
 (except January, July & August)
 Monthly, 1st Sat. Oshkosh (Omro), WI
 Monthly, 1st Sat. St. Paul, MN
 Monthly, 2nd Thu. Apple Valley, MN
 Monthly, 2nd Sat. Madison, WI
 Monthly, 2nd Sat. Blaine, MN
 Monthly, 3rd Tue. Eden Prairie, MN
 Monthly, 3rd Sat. Milwaukee, WI (BE)
 Monthly, 3rd Sat. Loves Park, IL
 Monthly, 3rd Sat. Cottage Grove, MN
 Monthly, 4th Sat. Bloomington, MN
 Monthly, Last Sat. Milwaukee, WI (MRAC)
 (except December)
 Monthly, Last Sat. Tomahawk, WI
 (January thru October only)
 Quarterly Eau Claire, WI
 (Second Saturday Jan., Apr., & Oct.)
 plus annual summer hamfest.)

Amateur Radio Examination Locations and Schedules in the Wisconsin Area

GENERAL RULES FOR MOST EXAMINATIONS

Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walk-ins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Got your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from:

<http://www.fcc.gov/formpage.html> or
<ftp://ftp.fcc.gov/pub/Forms/Form605>.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$6.65 payable to "ARRL/VEC". Exam fees change annually. See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. As of April 15, 2000, ARRL/VEC no longer gives a free code test or Element 2.

Test fees: The FCC has announced that the maximum Amateur Radio examination fee reimbursement that Volunteer Examiners and Volunteer Examiner Coordinators can collect during calendar year 2000 is \$6.66. The ARRL/VEC has set its 2000 test fee at \$6.65. A \$6.65 fee will be collected from applicants seeking to upgrade using a physician's certification to waive the Morse code examination.

FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details. Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only, starting April 15. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

<http://www.arrl.org/arrlvec/examsearch.phtml>

By checking this page, you can find registered VE sessions anywhere in US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC

MILWAUKEE RADIO AMATEURS CLUB (MRAC/VEC) MILWAUKEE

Last Saturday, except June, July, and August, 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road, Milwaukee. For additional information, call (262) 797- MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is \$6.65 for the exam fee. Walk-ins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, PO Box 25707, Milwaukee, WI 53225.

BADGER EXAMINERS (BE) - MILWAUKEE

Every third Saturday morning, 9:30 a.m. to noon, Badger Examiners group tests at AES (Amateur Electronic Supply) at 60th and Good Hope, Milwaukee. Exams are given at the old Sterman Printing shop, just 300 feet west of the AES store. Novice to Extra are offered, and all test materials are provided. Fee is \$6.35,

and bring your original license, or CSCE if needed. Also available are Commercial license exams GROL (General Radiotelephone license), GMDSS, Telegraph, Etc. Fee is \$35.00. For more information call Gary Sharbuno, W19M at (414) 355-0237.

EAU CLAIRE, WI

October 7, December 2, 2000. 9:00 a.m. to 12:00 noon. South Middle School, 2115 Mitschner Avenue, Eau Claire, WI. Information: Steve Blum, KA9OMY, (715) 839-6509 or ka9omy@arrl.net Web page: <http://www.ecarc.org>

MADISON, WI

First Saturday monthly: 8 a.m. to 10 a.m. Space Place, 1605 South Park Street, Madison. Please bring a picture ID, your original license, a copy of your license, and a check for \$6.65 made out to the ARRL/VEC. If the special form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me. Dates: July 1; August 5, September 2, October 7, November 4, December 2, 2000, and January 6, 2001. Questions may be directed to Tim Czerwonska, WO9U, at (608) 233-9829 (home phone) or sent to wo9u@arrl.net.

MENOMONIE, WI

November 4, 2000: The Menomonie area hams will conduct VE exams for all classes of licenses. The location will be the U.W.-Stout Communications Center, 820 South Broadway, Menomonie Wisconsin. Walk-ins only. Arrive between 9 and 11 a.m. For information, contact Jim Ley, NX9F, (715) 235-3998 (H), or (715) 232-1397 (W).

STEVENS POINT, WI - ARRL/VEC All levels of amateur exams. Room A107 of the UWSP Science Building, on campus, corner of Fourth and Reserve Streets. For questions, directions, or further information, contact Joe Larson, N9JW, at 715- 344-1182 evenings or email to joel8@bigfoot.com. (We are waiting for an update for this exam group. BSSS Editor.) Joe Larson, N9JW

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Robert N. Jensen, W0WLN, 5616 Cambridge lane #6, Racine, WI. Telephone (414) 886-8551.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct. Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No advance registration required, but appointment would be appreciated. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633.

APPLETON, WI - ARRL/VEC MANITOWOC, WI (HAMFEST) KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All regular test sessions are held at the American Red Cross Building in Appleton. Testing starting at 8 a.m. For Appleton information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. For Manitowoc or Kaukauna information, contact Larry Siebers, KD9IA (920) 759-1167.

OSHKOSH (OMRO)

The Oshkosh VE Team will administer Amateur Radio exams monthly on the first Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon at the Omro Community Center, 130 W. Larrabee, Omro, WI. Walk-ins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

(continued on page 10)

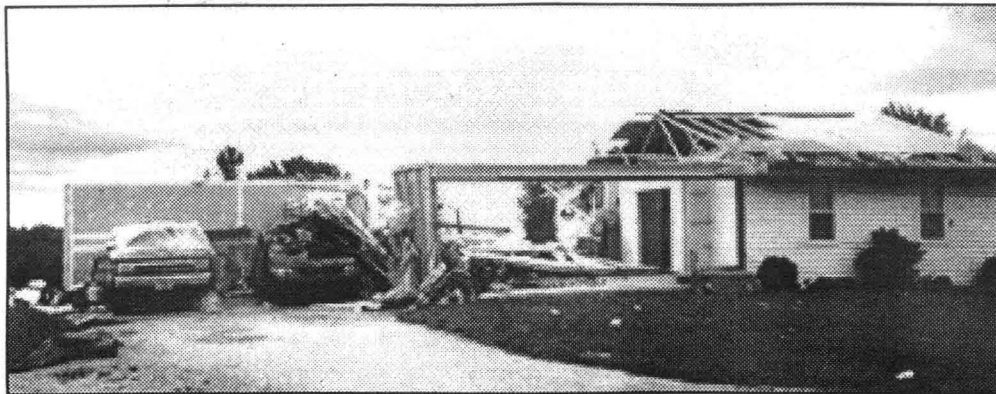
Basement!

Continued from front page

things up one more level for me. I think that report came in around 6 p.m.

Several minutes later, the wind picked up somewhat. Anne and I have a routine which we have done many times before when things seem to be getting serious. She stands near the basement door - she won't go downstairs unless I'm right behind her. I look out the kitchen window, to the southwest, then I walk over and look out the front door. I have to step out the front door a few feet to see to the west, then back to the kitchen window, etc. I carry my HT with me to listen, but I can't get into the repeater unless I use one of my base radios.

The wind suddenly increased violently. As I looked out from the front of the house, I saw some debris apparently suspended, or very slowly rotating, about 100 feet above ground level, just to the west of my location. Just as I turned to run back through the front door, very large objects were flying past the house. There was a sound like a train, only it was hollow-sounding, like it was in a tunnel. I yelled "basement!" to Anne, just as the power went out. She ran down the stairs



in the dark and I was right behind her. Half-way down the stairs my ears popped and there was a very loud crunching, tearing sound, which seemed to stop after only a few seconds. Then it was very quiet.

I went back up and opened the basement door, only to see the sky, rather than the hallway. I wanted to send in a report, but my radio was buried in debris. I went to my truck which had been in the garage, but the antennas were all broken off, and ignition keys were buried in the house, so I couldn't turn the radio on anyway. My 45 foot tower had gone down and snapped off 4 x 4 guy poles like toothpicks. I could hear my upstairs base radio with the weather net still in progress, from the wreckage, but I couldn't see where it was buried. At least my 12 volt backup power was still working! Shortly

after that, the fire department ordered everyone over to a shelter because of the downed power lines and gas leaks.

For the rest of that night, and the next several days, we were in somewhat of a daze. We were blessed to have so many family and friends to help us clean up! We were able to get most of our possessions out of the house, including my collection of WW2 Signal Corps and other old radios.

What Would I do Differently?

I'm not sure what I would or could change about my operation. My basement radio was broken, so I didn't have anything down there to hit the repeater with. My antennas, including my "low antenna" for storms, were all completely gone. The tower was laying in the yard, but we never did find

any trace of my low antenna, which was mounted on a separate pole at rain gutter height, several feet away from the tower. The best thing would have been if I could have powered up the radio in my truck afterwards, with a mag-mount antenna, which I had available. I had been thinking about putting a bypass switch in my truck so I could turn on the radio without the ignition key, so I guess I'll do that now (on my new truck!).

I would encourage all of you to get involved with your local radio club! Our local club, the Rock River Radio Club, is what really holds the Dodge County ARES and weather nets together. We were lucky to have our older hams to get things rolling around here years ago, and now us "kids" are taking up the duties. My wife and I didn't know anyone when we moved to Dodge County 10 years ago, and we have made so many friends thru the radio club. We had so much help in our time of need - that's what it's all about!

Meet Dave Parker, WB9WHG

Here's a little information about WB9WHG, who wrote "Basement!"

Dave Parker, WB9WHG, received his Novice license in 1975, upgraded to Technician in 1984, and to General in 1990. He spent 4 years with the Air Force Communications Service and 3 years as a Civil Air Patrol operator while in high school. His main interest is in restoring and operating military surplus radios.

He worked for Johnson Controls for many years as a "field service specialist" servicing digital controls for heating or cooling, as well as fire and security systems. He went out on his own doing the same type of work several years ago and worked out of his home.

Dave has been the Rock River Radio Club Repeater Chairman for many years and is active as an Assistant Emergency Coordinator/Net Operator for our ARES Severe weather nets. He also services and maintains our 146.04 repeater. He is our Field Day Chairman for 2000 and is very active in teaching and "Elmering" the new Hams.

All in all, he is one great guy.

Duane Haas, W9BCV

Special Event Stations

W 9 G/Great Circus Train

July 8, 9, and 10. Times: Approximately 9 a.m. until about 5 p.m. daily. Day One is from Baraboo to Waukesha, Day Two Waukesha to Appleton (op time may be longer), Day Three Appleton to Milwaukee. Frequencies: HF - SSB on 7.240 MHz or 14.240 MHz (one at a time). VHF: 146.55 MHz simplex, as time and conditions on board allow. Also: Train position will be on APRS on 144.39 MHz.

Full color certificate for working W 9 G. Required: 9 x 12 inch SASE with three units of U.S. first class postage. Send to Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913-2501 USA. Please allow eight weeks or more. Questions: smokesigs@baraboo.com.

W 9 C/Milwaukee Circus Showgrounds

July 12 through July 15. West Allis Radio Amateur Club operating from circus showgrounds near Lake Michigan after arrival of the Great Circus Train and before the Great Circus Parade on Sunday, July 16. Times: 1800Z to 0200Z daily. Frequencies: 3890, 7240, 14.240, 21.340, and 28.400.

Information: <http://www.WARAC.org>

Fourth Annual!

CIRCUS CITY SWAPFEST

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Ham Radio, Computer & Electronics Extravaganza!

SATURDAY, AUGUST 12, 2000
7:00 A.M. UNTIL NOON

Sauk County Fairgrounds, Baraboo, Wisconsin

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Concessions * Free Parking * Camping

\$5 Admission, \$4 In Advance

8 Foot Tables \$5 Each

(1 Admission Included Per Table - ADVANCED SALES ONLY)

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9:00am Code - 10:00am Written

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The Sauk County Fairgrounds is located on highway 33, on Baraboo's far east side.
From I-90/94: Take exit 106 (Hwy. 33) west to Baraboo.
From Hwy. 12: Take Hwy. 33 east at the Kwik Trip in West Baraboo.

For more information contact: Steve, N9UDO at (608) 356-2313 or n9udo@arrl.net
Bill, N9KXX at (608) 643-6908 days, (608) 643-6453 evenings.

Visit us on the World-Wide Web:
<http://members.baraboo.com/sschulze/hamfest.htm>

For Advance Tickets Send Check With A Self Addressed Stamped Envelope To:
Yellow Thunder A.R.C., 1120 City View Road, Baraboo, WI 53913-9704

Company Name: _____ Phone #: _____

Contact Person: _____ Call Sign: _____

Address: _____ E-MAIL: _____

City: _____ State: _____ Zip: _____

No. Of Tickets: _____ X \$4.00= _____ Electricity Required? Y / N

No. Of Tables: _____ X \$5.00= _____ Total Amount Enclosed= _____

(one complimentary admission ticket with the purchase of each table - ADVANCED SALES ONLY)

Mancorad and Cobia are #1!

Continued from front page

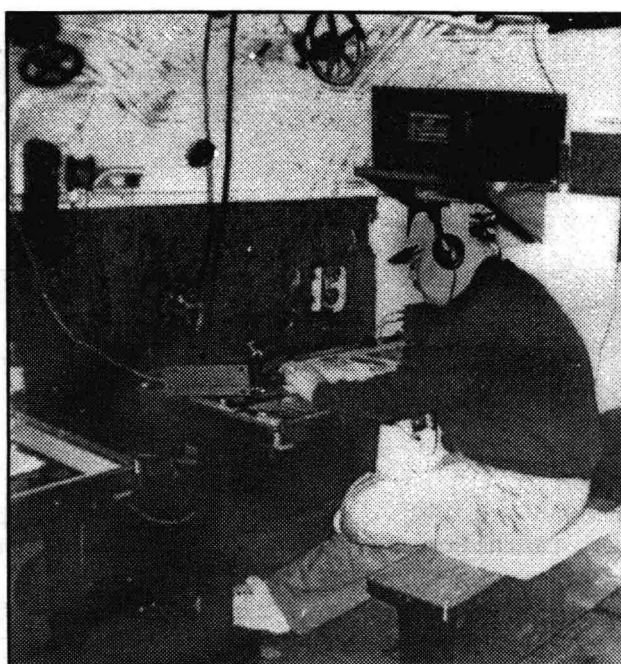
'USS COBIA' and W9DK to hit the airways. We were busy all day Saturday working whomever called us. We tried 10/15M, but those bands weren't great, so we concentrated on 20/40M. By 3:30 p.m. we were ready to call it a day, as the bands were fading.

April 30th (Sunday): We were back at it again by 9 a.m. and were working the stations calling as fast as we could. Big thing today was that the Manitowoc river was a lot calmer than yesterday. Saturday, the ole sub was really rocking from the waves coming in from the lake. 20 and 40M were the good bands again today, and we worked the rigs right up til 3 p.m., when it was time to start breaking everything down and getting off the sub by 5 p.m. This year we had lots of help with setup/break-down and operating. A few members of the Green Bay Mike and Key club and the Sheboygan Club came to help out, which was real nice.

We also had a PR table setup this year in the museum which worked out real nice. Lots of people stopped by our table and also observed us operating in the Sub when they came thru on the sub tours.

Everyone involved had a great time this year and the planning has started for next year's event, which is always on the last weekend of April.

This year's contact tally for the USS COBIA is as follows:



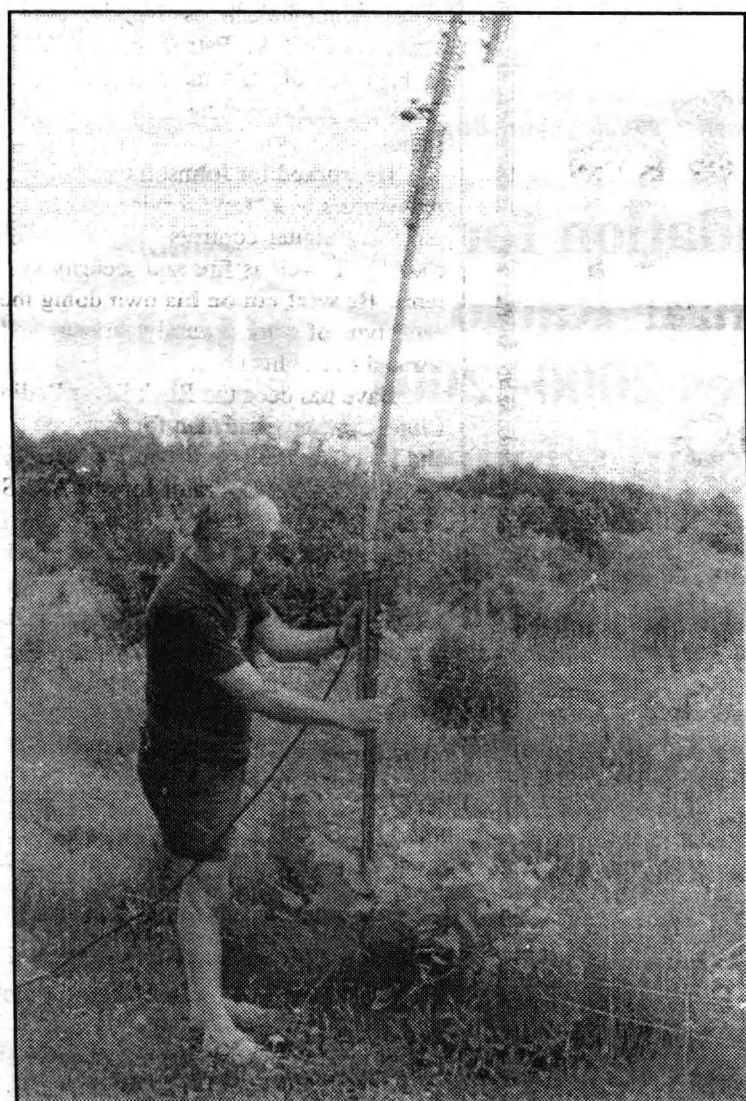
Dennis, W9DWN, at the 40-meter operating position.

Total contacts made:	721
Total other Subs worked:	14
Total score (USS Cobia)	10,094

The USS COBIA again this year was the TOP boat in points scored. That's two years in a row that we've taken the top honors during the submarine memorial radio reactivation weekend, organized by the Sub Vets Amateur Radio Association. A huge thanks go to all those who participated in this year's event.



Paul, AA9WI, and Eric, AF9J, get the coax ready.



Setting up the lightning rod

Tom Harrison, N9-PQJ, sets up a vertical at the Yellow Thunder Amateur Radio Club's Field Day site, Owen Park in western Columbia County. Yup, it did rain, but the vertical didn't get nailed by lightning. In fact, it turned in a surprising performance on six meters during the E-skip opening. The antenna did a good job on all bands, in fact. They say a vertical "radiates equally poorly in all directions." My experience has been the opposite.

- K9ZZ

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Madison area all-ham picnic

Hear Ye, Hear Ye! The year 2000 All Ham Picnic for the Madison area will be Aug15th from 5:00 p.m. to 7:00 p.m. at Garner off Rosa and Mineral Point road in Madison [43 03' 42" N 89 28' 37" W].

The grill meat will be provided by FLARC and MARA will be providing the soda and the park. We ask people to bring a dish to pass. Please respond with the number of people coming and the dish to pass.

Tom Fleming, N9SZF
tfleming@madison.tec.wi.us

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JULY 2000

The Computer Corner

By Stan Kaplan, WB9RQR • 105 Martin Drive
Port Washington, WI 53074-9654
(262) 284-9346
skaplan@mcw.edu



No. 80: A Virus Primer

Nearly everyone has heard of the recent spread of the virus contained in an email message called "ILOVEYOU", with the ability to overwrite (destroy) many files, and the ability to then mail itself to everyone in your Microsoft Outlook Address Book. However, did you know you cannot become infected unless you open an attachment to that message? Just opening and reading text-based email messages does NOT subject you to the danger of being infected with ANY current virus. Did you know that there is no known instance of a virus damaging computer hardware? Not yet. Did you know that there are well over 5,000 different viruses and variations that have been documented over the years?

Well, we all have to deal with viruses – they are here to stay. Weird folks with what could probably be classed as an abnormal psychological makeup continue to write and release them. Contrary to what some say, it is not the antiviral software writers who write viruses. It is the weird folks who hide behind their anonymity. So what are viruses and how do they work? This month's issue will present a virus primer to help you understand the answer.

A virus is nothing more or less than a single tiny program, written to hide itself, to propagate itself and to do damage to the recipient's computer files. Usually the term is used loosely to describe any sort of infection that a computer can catch, but all these infections are most correctly classed into three groups:

1. A WORM is a self-reproducing program that copies and spreads itself on networked computers. Unlike viruses, worms don't hide themselves inside of other programs. They just make copy after copy of themselves, which clogs up circuits and uses up hard disk space. They use up so many resources that they can slow down an entire network.
2. A TROJAN HORSE is another infection that is usually not able to reproduce itself. Usually these executable programs (with a .COM or .EXE file extension) masquerade as a useful program. Example: if a damaging program was introduced into your computer named MSWORD.EXE and it overwrote the original MSWORD.EXE, it would be run the first time you ran your word processor. It would do damage immediately. The Horse of Troy was thought to be a gift, but it really contained a payload of soldiers hidden in the hollow statue.
3. A VIRUS, which usually has the following three characteristics:
 - a. It has an incubation period. That is, it does not usually do damage immediately upon infecting a system. Rather, it drops a payload (the damaging effects) at some predetermined time after infection, such as the 6th of March, or Friday the 13th, or Tuesday at 3:00 p.m.
 - b. It can replicate itself (they are contagious). Once having infected a computer, it tries to hitch a ride on a floppy to the next machine victim. Alternatively, they ride a wire. Or a CD-ROM. Or a tape. Yes, virus-infected files can be transferred from computer to computer using any of these means.
 - c. It is destructive! It does some kind of damage, overwriting files or scrambling the File Allocation Table (FAT) so you can no longer access anything on your hard drive. Or it can do other bad stuff without consent of the owner. What about the virus that does no direct damage to your files, but which sends confidential information from your machine to a remote Internet address next time you log on? Is that destructive? You bet! The payload is theft of your confidential information. Let me take that a step further – the payload is theft of ANY information, without your consent, confidential or not! Did you know that, right now, there are companies on the Internet that do that for profit? But that issue is the subject for another article.

So where do they hide? A virus is a tiny piece of computer code. Real programs often have some blank space inside the file – space that has no code in it. The virus can hide there, in the blank space. Sometimes the virus pushes the program over to one end of the file, so that it has enough room to get in. Clever beasts! Sometimes there just is not enough room,

so it overwrites part of the original program, thus destroying it. However, the virus doesn't care, so long as it can run.

How can viruses outfox antiviral software? AV software looks inside each file it scans for a virus signature, a little piece of the virus code that distinguishes it from all normal programs and other viruses. Sometimes this signature is human understandable ("STONED", "CONCEPT"), but most often it is not. Virus writers have devised several ways to hide their signatures.

If you are a virus, one way to confuse AV software is to change your signature each time you infect a new computer. Viruses that can do this are the so-called polymorphic viruses (poly = many, morphos = form). There is even one writer out there, self named the "Dark Avenger," who wrote a polymorphic engine. This engine isn't a virus by itself. It is a piece of code he gave to the virus-writing world which, when included with a virus written by anyone else, would turn the virus into a polymorphic type. Talk about specialization!

Another way to give grief to AV software is to encrypt yourself, much like PKZIP encrypts (and compresses) a file. These encrypting viruses effectively hide their signatures from view, but they can't replicate or run while encrypted. They have to unencrypt themselves to do that. Thank goodness! When unencrypted, their signatures are hanging out there for all AV scanners to see.

Another way that AV software can detect new virus infections is to keep a database of all file sizes on the hard drive. When a virus infects, it often increases the file size, and the change is detected by the AV software. One ploy taken by stealth viruses is to mask this change in file size when infecting a new file, thus confounding the AV software. An even sneakier ploy by stealth viruses is as follows. Some of them are able to detect when a virus scanning AV program is about to open the file in which they are hiding in order to "sniff them out." Some stealth viruses, upon detecting the bloodhounds on their trail, will then "bail out" of the file temporarily, only to return when the AV software is finished looking at their host file! Other stealth viruses will stay in their host file, but will quickly put a good copy of their host file under the nose of the AV scanner. They keep a stash of a good copy of their host file hidden somewhere on the drive for just this purpose! Amazing!

Wouldn't it be wonderful if all that talent used by virus writers could be channeled into writing decent software, instead of the bloatware coming out of Microsoft and other software houses. What a waste! Not only is their talent lost to constructive enterprise, but so is the time and talent of all those who must be employed to write the AV software to thwart them. What a waste!

Perhaps down the line we'll have an article on steps you can take to protect your machine. Most are common sense, but it is good to see them organized in one place, so you can make a mental note of them. Hope you had a great Field Day!! Happy computing.

Reprinted, by permission, from the ORC Newsletter, Ozaukee Radio Club (Ted Schweitzer, KB9RLI, Editor, 126 Lilac Lane, Belgium, WI 53004. <theo@execpc.com>).

Foundation for Amateur Radio announces 2000- 2001 scholarship winners



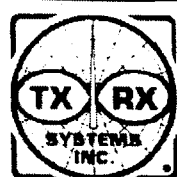
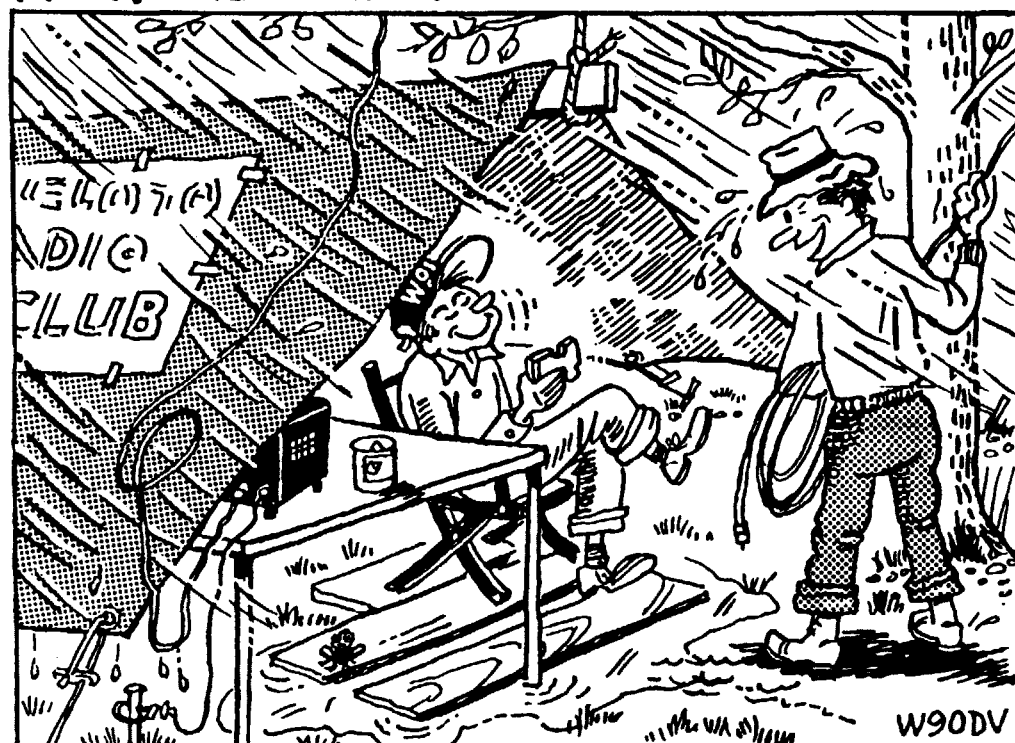
RIVERDALE, MD - The Foundation for Amateur Radio has announced the winners of scholarships for the 2000-2001 academic year. The Foundation administers the scholarships without charge to the sponsors. More than sixty scholarships were awarded. These scholarships were open to all licensed radio amateurs meeting the qualifications and residence requirements of the various sponsors. The Foundation is a non-profit organization incorporated in the District of Columbia, representing more than seventy-five Amateur Radio clubs in

Maryland, the District of Columbia, and northern Virginia. It is devoted exclusively to the scientific, literary and educational pursuits of the Amateur Radio service. The announcement for the year 2001 awards will appear in the January or February issues of the major Amateur Radio publications and selected radio club newsletters.

Three philanthropic Wisconsin Amateur Radio clubs offer scholarships through the Foundation. This year, other

Please turn to page 9

AH-H! FIELD DAY



VARI-NOTCH® DUPLEXERS FOR 2 METERS

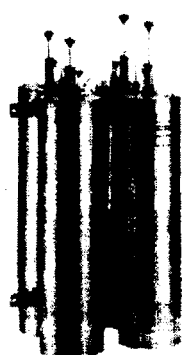
The TX RX Systems Inc. patented Vari-Notch filter circuit, a pseudo-bandpass design, provides low loss, high TX to RX, and between-channel isolation, excellent for amateur band applications. TX RX Systems Inc. has been manufacturing multicoupling systems since 1976. Other models available for 220 and 440 MHz, UHF ATV and 1.2 GHz.

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Wisconsin Valley Radio Association

Rich Nesbitt, N9WPH, Secretary

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BSSS editor's note: We apologize for printing WVRA's history, not the current minutes, in June's issue. We're moving typesetting - and a ton of files - to the new system. I grabbed a year-old file and did not realize it. Sorry, folks. We'll try to not let that happen again.

Meeting Minutes May 2, 2000

Meeting was called to order by the new President Kim Kunze - N9SDL. He introduced the new board members:

Vice President - Don, W9WW
Treasurer - Mark, N9MEA
Secretary - Rich, N9WPH
Equipment Chair - Matt, N9NMH
Net Chair - Mike, N9IAB
Program Chair - Mike, KB9DED.

He announced the format of the club meeting would change effective May 2000 - the program would be presented before the business meetings. Hopefully, this will encourage more participation and attract new members.

Members present: N9WPH, N9MEA, N9NMH, W9WW, N9NRC, KB9RXB, KB9STB, NN9NN, N9LIA, N9SDI, N9TTA, KB9DZG, KB9FRB, N9PHC, N9UAG, KB9TJK, KA9PML, KB9MCZ, KB9DED, N9NAW, N9IAB.

Program: "Packet Radio", by Kim, N9SDL. The treasurer's report was approved. Motion from W9WW, second by N9NMH.

The Secretary's report as printed in BSSS was approved. Motion from W9WW, second by KB9STB.

Old Business

1. N9SDI announced the Grant was approved for the entire amount. N9MEA, N9NMH, N9IAB are the members responsible for project implementation as outline in the grant proposal.

2. W9WW outlined the choices available for Field Day, 6/24-25/00; club will be operating with emergency power this year - doubles our score. Club members voted on Sunny Vale Park. Motion by N9SDI, second by KB9DED. Digital contacts other than CW will be available this year. A sign-up sheet was passed for volunteers to set-up, take-down, and work as an operator.

3. N9LIA recognized the members who helped with the Multiple Sclerosis walk-a-thon: N9SDI, KB9DED, KB9DZG, KB9FRB, W9WW, N9WPH, N9TTA, N9QQ, KB9JMB and N9LIA.

4. N9TTA is looking for volunteers to help with the Junior National Kayak Races to be held May 6th and 7th. Races start around 10:00 a.m. daily. Volunteers work 8:00 a.m. - 4:00 p.m. Lunch and T-Shirt will be provided. N9LIA is looking for volunteers to help with the Council Wide Scouting Camporee on May 20th at the Hodag Park in Rhinelander, from 1:00 p.m. - 5:00 p.m.

New Business

1. KB9VBR sent an email to N9SDL with some ideas for broadening the exposure of the WVRA Club. He has volunteered to develop a brochure about the club for distribution before Field Day. Suggested the club publish information in the columns of local organizational newsletters or press releases in the Daily Herald, and take advantage of the public service announcements.

2. Someone asked for clarification of the Club's meeting date for July. N9LIA announced the room at NTC was reserved for July 11. The NTC has been reserved through August 2000 for the WVRA Club meetings.

Meeting adjourned at 8:40PM. Motion from N9LIA, 2nd by W9WW.

Respectfully submitted:
Rich Nesbitt, N9WPH

Meeting Minutes 6 June 2000

Meeting called to order at 7 p.m. by President Kim Kunze - N9SDL.

Program: "Field Day", by Don Haney, W9WW.

Members present: N9WPH, N9SDL, W9WW, N9MEA, N9NMH, N9IAB, KB9DED, N9SDI, KB9DZG, KB9FRB, N9NRC, N9TTA, N9PHC, KA9PML, KB9PVI, KB9VBR, WA9NBC, and KB9JMB.

The treasurer's report was approved. Motion - N9TAA, second - W9WW.

The Secretary's report was approved. Motion - W9WW, second - N9TTA.

Old Business

1. Grant: N9SDI announced a check for \$7443.15 was received from Wausau Area Community Foundation.

N9NMH announced the equipment for the new tower has been ordered.

2. Field Day: W9WW outlined the Club's plans for 6/24/00 at Sunny Vale Park. Equipment supplied by:

Generator: N9SDL and N9IAB.
Radios: WVRA - HF; N9SDL - HF Digital; W9WW - HF and CW; WVRA - VHF and UHF. Antennas: WVRA - tower; N9SDL - portable R-5; W9WW - dipole; KB9DED - 6M.

Tents: W9WW, N9SDL. Screening canopy: N9SDL. Power cords: N9IAB.

Table and chairs: N9IAB.

A weekend preview will be done by: W9WW, N9NMH, KB9DED, N9MEA, and N9IAB.

A sign-up sheet was passed for volunteers to set-up, take-down, and work as an operator.

3. Dream Flight: N9SDL recognized the following members for helping with Dream Flight, May, 2000.

Trained: N9SDL, KB9DED, KB9MCZ, KB9VBR, KB9DZG, KB9FRB, and N9WPH.

Worked: N9SDL, KB9DED, KB9IAB, KB9MCZ, KB9VBR, KL9NW, & N9WPH.

* N9SDL, KB9DED, & N9IAB worked the entire week.

** N9SDL advised the Director of Dream Flight, Sharon Ryan, of the need to repair and update the equipment.

A committee was appointed at the school board and Mike, N9IAB has received a letter of invitation to join.

4. Junior National Kayak Races (5/6-7/00): N9TTA recognized the following members for helping.

Worked: N9TTA, KB9DED, & N9LIA.

5. Wisconsin Bike Tour (Wauwatosa to Bayfield), June 2000: W9WW spoke with Donald Michalski, W9IXG, WI Amateur Radio Section Manager while attending the Dayton Hamfest. The bike tour is still on and plans to travel through the Wausau area sometime after weekend for Field Day (6/25/00). Volunteers are welcomed.

6. WVRA Brochure: N9SDL thanked Mike, KB9VBR for developing a brochure that can be passed out in the community and at Field Day. A draft was emailed to the members. Suggested corrections were received.

7. Trailer update: N9NMH said the WVRA Club will receive an enclosed trailer later this year.

8. Visitor's Bureau Grant: N9NRC suggested the WVRA Club submit another grant proposal to the Wausau - Central WI Convention and Visitor's Bureau. The Club could use the funds to purchase test equipment or paint and upgrade the trailer when it is received. N9WPH and N9NRC will work together on the proposal and present it at the next board meeting.

New Business

1. QST article: N9SDL announced that Donald Michalski, W9IXG, plans to submit an article for publication in QST magazine regarding the recent Grant award. N9SDL wrote the article and emailed it to board members for review and

Wisconsin Nets Association Ltd.

Bette Kratz, KF9ZU, Secretary

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WISCONSIN NETS

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BWN	Yes	3985	1100	0600	W9RCW
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	WB9WHQ
WNN	Yes	3723	2300	1800	KB9OCZ
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9UW
RCRA	No	01/61 (Mondays CDT)	0030 (Menomonie Area)	1930	KA9OMC
Gr. Bay	No	72/12	0245 (Green Bay Area)	2145	WB9NRK
ARES	No	4.65/5.25 (South East/South Central Wisconsin)	0200	2100	
RACES	No	3993.5	1400 (LSB Sunday)	0900	WA9OAY

STM Report - Wisconsin May 2000

The Long and Short of It

When William Shakespeare's Polonius said, "Brevity is the soul of wit," it was ironically part of a long speech, but the point is well taken. We admire the person who can pound a nail or complete a round of golf with the fewest strokes. And in traffic nets, such efficiency is treasured as well.

Here are a few operating techniques that can make nets and traffic handling faster and easier.

(1) When you check in to a fone net, give the NCS's call; listen; then give your call.

(2) Use standard phonetics to spell out uncommon words only when conditions warrant.

(3) Write your own formal messages in the fewest words; use the ARRL Numbered Radiograms.

(4) If a net control asks for informal comments, be succinct. Notes help. Leave the listeners with one good thought.

Being pithy (no, I don't lisp) [BSSS editor's note: Does this man need a pith helmet?] in what you transmit doesn't mean you have to be less friendly or cordial in your operation. There are times to be relaxed and times to concentrate on efficiency. A good operator should know when. Er, and an STM should know when to be brief, too.

73, K9LGU/STM

MONTHLY NET ACTIVITY SUMMARY May 2000

NET	QNI	QTC	QTR	SSNS	NM
BWN	1456	1693	2325	31	
BEN	444	64	753	31	KE9VU
WSBN	579	45	800	31	WB9WHQ
WNN	117	21	338	31	KB9ROB
WSSN	213	26	328	31	N9BDL
WIN/E	206	80	318	31	WB9ICH
WIN/L	197	54	297	31	W9UW
TOTALS	3212	1983	5159	257	

corrections. He thanked everyone for their help.

2. Donation of test equipment: N9SDL announced the WVRA Club received a donation from Air Communication; Singer Test Monitor, model #FM10CS with operation and maintenance manuals. A thank you letter for the \$1000.00 donation was sent to Air Communication. N9SDL thanked KB9DZG for his assistance in soliciting and acquiring the donation. KB9DED is working on a plaque to present to Air Communication.

3. Tower sell: N9SDL receive a suggestion from N9MEA about selling off some of the Club's equipment which is not being used as a way of generating funds. The Club owns a used 48 foot collapsible tower (nesting type) with 8 foot sections. The topic was tabled and will be further discussed at the WVRA Board meeting.

4. Club's insurance: N9MEA discussed the current policy. The topic was tabled and will be further discussed at the WVRA Board meeting.

5. Reflective vests: W9WW reflective vests from MFI are available to the members for \$4.50

STATION ACTIVITY SUMMARY May 2000

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
K9JPS	0	533	34	534	1101 - BPL
W9IHW	1	301	40	259	601 - BPL
W9RCW	0	230	45	229	513 - BPL
WZ7V	0	239	32	175	446 - BPL
K9GU	0	200	38	192	422 - BPL
W9YPY	0	175	197	0	372
N9TVT	0	89	274	0	363
W9CBE	0	92	89	2	183
K9FHI	0	59	97	2	158
N9CK	8	74	70	4	154
K9LGU	0	77	40	1	118
N9BDL	0	24	60	2	86
W9UW	0	49	21	2	72
AG9G	0	10	55	0	65
KE9VU	0	22	32	0	54
N9KND	0	24	27	1	52
W9YCV	2	20	16	11	49
KB9ROB	1	33	3	2	39
K9HDF	1	32	0	0	33
W9BRL	0	0	29	0	29
WB9ICH	0	23	2	0	25
KA9BHK	0	2	12	2	16
KB9QPM	0	2	12	1	15
N9JIY	0	1	8	1	10
W9ODV	0	0	9	0	9
K9UTQ	0	1	4	1	6
WD9FLJ	0	2	2	2	6
AA9BB	0	0	3	0	3
K9GDF	2	0	0	0	2

P S H R SUMMARY

CALL	1	2	3	4	5	6	7	8	TL
K9JPS	46	21	24	533	2	10	0	0	630
W9RCW	50	3	0	229	0	30	0	0	312
K9FHI	60	24	2	0	30	0	30	0	170
W9YCV	60	24	24	11	2	20	0	0	141
N9BDL	60	24	24	2	0	30	0	0	140
W9CBE	60	24	24	2	0	20	0	0	130
K9LGU	60	21	24	1	0	20	0	0	126
N9TVT	60	24	24	0	0	10	0	0	118
WD9FLJ	43	0	9	2	0	20	10	30	114
AG9G	60	24	18	0	0	10	0	0	112

each.

6. Fund raiser: N9NMH outlined how Kwik Trip would donate 3 cents on the dollar on all charges to their credit card to the Club. He brought applications for sign up. Need 10 people to sign up and designate WVRA Club as the recipient of the funds.

Additional information:

1. Eau Claire Hamfest: N9SDL announced the Hamfest is 6/10/00 for those members who want to upgrade.

2. Club's emails: KB9DZG requested the Club's files sent by email to be sent as a text file.

3. NTC has been reserved through August 2000 for WVRA Club meetings. Meeting adjourned at 8:58 p.m. Motion - W9WW, second - N9TTA.

Next meeting 7/11/00. Program: Club picnic.

Respectfully submitted:
Rich Nesbitt, N9WPH

Lakeshore Repeater Association

147.270 MHz • Racine, Wisconsin

Larry McCalvy, WA9JMO • 5400 Six Mile Road
Racine, WI 53402-9741
wa9jmo@wi.net



Arne (KA9ZPY) and Britt-Marie (N9ZWG) Moxness have returned to Sweden, the home of their relatives and other friends.

Photo by Larry McCalvy, WA9JMO

At an almost impromptu breakfast gathering at the Meadows Restaurant in Franksville on Saturday, June 10, 2000, 45 Hams, spouses and a few youngsters said good-bye to Arne (KA9ZPY) and Britt-Marie (N9ZWG) Moxness. A little Lotto game the breakfast gang engages in each week made Arne's wallet a little heavier at the conclusion of breakfast. It was our biggest "pot" to date and I do believe the drawing was fixed. It seems that all the participants wrote KA9ZPY instead of their own call before depositing their slip into the drawing bin.

On Wednesday, June 14th, with three cargo containers full of personal gear - an 80-foot tower, two automobiles, more antennas than Carter has little liver pills, and an assortment of transceivers, Arne and Britt-Marie departed Racine for Sweden. Arne, fresh on the retirement trail, said Sweden was home to almost all of their relatives, and it was time to go back.

Their plans call for a one week stay near Atlanta visiting a son and his family before departing for a Swedish cottage that is just begging for an 80-foot tower loaded with antennas to be anchored near its back door. Arne and Britt-Marie, your friends and neighbors in and around Southeastern Wisconsin wish you the best life has to offer as you pick up the life style you left so

many years ago.

Our quarterly repeater meeting is scheduled for Tuesday, July 25, 2000 at the Red Cross Building, 4521 Taylor Avenue, Racine, beginning at 7:30 p.m. An ARES meeting starting at 6 p.m. will precede our event. I will have a digital camera at both gathering if someone needs a photo ID.

Time appears to move very quickly, at least with an organization that only meets quarterly. It seems as if your board of director just assumed office and now it is time for me to appoint a nominating committee to select the candidates for 2001. If anyone wishes to serve on this committee, please make your desires known to me prior to the meeting.

Your club officers have been drafting a set of "standing rules" to ease the required day to day activity decisions your club officers make. The "rules" would be voted on at each election meeting. This will hopefully assist new repeater officers as they assume club directorship. The "rules" will guide those newly elected in the proper procedures associated with their positions.

Please plan on joining us for both meetings. I am sure we will have some lively discussions.

73,

Larry McCalvy, WA9JMO, President

RED CEDAR REPEATER ASSOCIATION, INC.

STEVE HART, KA9OMC, SECRETARY

E616 810TH AVENUE

KNAPP, WI 54749

2-Meter Repeater: 146.01 Input/146.61 Output

Greetings, RCRA sponsors and guests.

It was great to see many friends at the Eau Claire Hamfest June 10th. W9QAH, Bruce Walther, received the last known Gedney Hot Dog Relish available in west Wisconsin. KB9JOF, Jim Christenson, bought the "make your own beam" donated to RCRA by KC4YXO, Gene Peterson. WD9GWG, Dale Braun, bought a \$2 box of everything donated by K0DL, Don Lund, and N9TTX, Dave, picked up the roof tripod also donated by Don.

KB9SGY, David Garnett, passed his General ticket, as did KB9UZY, Ken Heintz. K9ZVZ, Dave Hanson, spiced up the RCRA selection with a few consignments. WB9YMB, Jim Hilborn, stopped by to donate a couple computer keyboards.

Many of the hams stopped by to sign a get-well wish card for NQ9X, Ed van Sickle, who is recovering from surgery at Toman VA.

Thanks to "Ham 2 B", Clint from Eau Galle, for the refreshments.

Thanks to the Eau Claire club for putting on another super fun day.

KB9ULF, John Wagner at Cedar Falls, contacted RCRA about the possibility of handling some future communications needed at the Stout Field exercise area involving marching band contests, etc.

KB9TLV, John McDonald at Cumberland, worked the VHF/UHF contest June 10 and 11. John reports working Texas, Seattle, and Maine on six meters.

KE9CS, Ken Dicks at Albertville, has a Rohm 45 rotor plate for sale. Call Ken at (715) 874-6847. Thanks to Ken for donating some manuals to RCRA. Included were Telex CD 45 Rotator System, Heath Weather Station ID-1290, Yaesu FL-2100B, YO-100, and FT-101 through 101EX. If you need schematic and instruction references,

Quarter Century Wireless Association Southeastern Wisconsin Chapter 162

Larry McCalvy, WA9JMO
5400 Six Mile Road
Racine, WI 53402



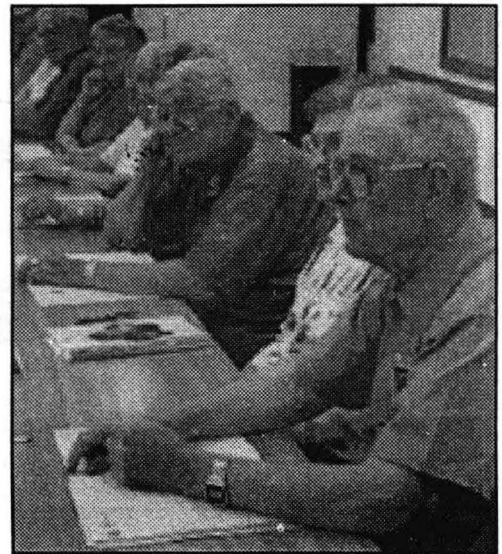
Bob Jensen, W0WLN, our Secretary/Treasurer (pictured at right), is a very recent graduate of AARP's 55-ALIVE defensive driving course. The 8-hour two-day classroom event held in Racine employs videotapes, overhead slides and a workbook to alert the participants of driving skills that may have waned and habits that have waxed dangerously close to becoming unsafe. Bob said the program designed for a driver 55 and older was very good and recommends that all senior drivers sign up for a future course.

Marie (Ed, W9NVK) Konicek had a small setback that resulted in a trip back to the hospital. A small medication adjustment allowed her to return home and as of this writing is recovering nicely.

Spencer Clope, W9LDH, has been experiencing an equilibrium problem. Its cause has so far eluded him and his doctors. Hopefully the medical staff can find a pill to eliminate the dizziness and Spence can rejoin in our social and community activities.

The fourth weekend of June found chapter members busily making worldwide contact during North America's Annual Field Day outing. The group, operating QRP battery for both CW and SSB, set up in a hay field and employed an existing wire fence for their very long wire antenna. For QRP the results were not too bad. A detailed accounting should appear here next month.

Mark your calendars for Sunday, August 20th.



Our annual picnic will be held at Decision Farm, 5400 Six Mile Road, beginning at 1 p.m. The Chapter will provide soft drinks, roasted corn on the cob and three grills - 2 gas and 1 charcoal. Bring a dish to pass, your own meat to grill, a swimsuit to swim and your own fishing poles to fish. The fish are big and begging to be caught.

73,

Larry McCalvy, WA9JMO

The Racine Megacycle Club



Club Station W9UDU • Racine, WI
Don Parkinson, KB9HAM, Secretary
c/o RMC • P.O. Box 3 • Racine, WI 54301-0003
e-mail: w9udu@wi.net

Web: <http://www2.wi.net/~hamradio/>

Voice mail: (414) 552-6RMC • ARRL Affiliated

Providing communications for American Red Cross and ARES

The Racine Megacycle Club was called to order by President Robert Burgermeister, W9EH, on June 12th at 7:30 p.m. at the Red Cross Building. Everyone introduced themselves by giving their names and call signs.

The minutes were read and corrections were reported by President Robert, W9EH, that K9DQ (Dave Whitham) will be instructing us on HF/DX-ing for the month of July - not for the month of June. The minutes were then motioned by KC9IS, Phil Neumiller, to be approved and seconded by Kevin Aney, KB9LLV.

Phil, KC9IS, reported that a few club members along with QCWA on May 20th participated in Safety Days - government sponsored - by setting up a station at the Regency Mall. Not many people stopped to inquire, but the club did receive a couple of pages of log-ins and a few QSO cards to respond to. Some of the noted contacts were: W9VSO (Art), KB9UGG (Randy) and another who was at Mark Twain's made-famous Calaveras County frog jumping contest. QCWA demonstrated that they could operate on batteries on 5 Watts and be very effective along with 100 Watts that RMC was working with.

The club thanked Phil for his report others that had participated.

The duration of the business meeting was how RMC was going to utilize the Red Cross Building as a station for Field Day. The intent was not only will the Red Cross get some PR, but in the event of a real-time emergency, the communications will be set up in a building and the club has power, whether or not the utilities are functioning, by the use of the generators. Since the club is going to utilize the power, we will be class D. One of those restrictions under class D, we cannot contact another station who is working under class D.

President Robert mentioned that there are three items that need to have some repair work on them and it would be a good time to take care of them. One of those items was the vertical antenna - it is currently tilted and tightening the U-bolts should correct it. The second repair is the rotor cable. Though it may be functional, between the

control and the antenna, the cable had gotten shredded. It was possibly damaged when the roofers were on the building. The third item, there are a number of cables and debris along the west side of the building that should have some attention.

Gene Haney, WB9ZKY, mentioned that we should be careful of any cables being inserted in the duct work, it could cause some possible leakage into the building if we are not careful.

Discussion during the evenings was on the types of antennas, cable, our classifications, whether we will not have enough operators, food and beverage. Kevin, KB9LLV, said that his work will donate coffee, creamer, sugar and cups for the group. He stated that he will bring a grill for those that want to grill out-bring your own meat.

Email will be sent out to all members to invite them to Field Day. President Robert reminded everyone present that we will need to keep the place clean and secure while we are using the Red Cross Building. He also asked the members present to invite anyone that is a Ham that may or may not be a member to come out and enjoy Field Day.

A motion to close the meeting by Greg Holding, KB9RMA, was recognized and seconded by Phil, KC9IS. All present unanimously accepted the motion and we were dismissed to check out the equipment and the layout after the meeting.

Respectfully submitted:
Don Parkinson, KB9HAM
Secretary

PERSONAL

Starsky, you gave me five good years and were a great copy editor. You are missed by your human. Thanks for your company and friendship.

check the RCRA library first.

Job changes for WB9PMF, Tim Rose at Chippewa Falls, and KB9JPL, Bob Rohrsen at Elk Mound, will find them on the afternoon drive time.

Have a great summer with ham radio!!

RCRA Secretary/Treasurer
Steve Hart,
KA9OMC

Marshfield Area Amateur Radio Society

MAARS Meeting Minutes
June 11, 2000

Meeting called to order - 1950 hrs by Jerry, WB9WBN, Acting President.

Members present: WB9WBN, WB0KIN, KB9QYH, KB9QYG, KB9JMB, N9LPL, N9WPH and guest.

Vice President's Report - None.

Secretary's Report: Rich, N9WPH. Accept: Motion - Lee, KB9QYH, 2nd - Bernie, N9LPL.

Treasurer's Report: Sandy, KB9RKE (absent). KB9QYH brought in report.

Check - \$17.23 (GTE)
Cash - \$44
Club balance - \$180.39
2M - \$125.21
70cm - \$183.42
Balance - \$533.02

Accept: Motion - Walt, WB0KIN, 2nd - Jo-Jo, KB9QYH

1. Membership: Sandy, KB9RKE - (absent). Lee, KB9QYH reported 20 members.

2. ARES: Bernie, N9LPL - passed around a form to re-register for Wood County ARES. He will update Jack's, NZ9U records. Rich, N9WPH requested an ARES membership roster be sent out.

3. Public Service: None.

4. Repeater Committee: Lee, KB9QYH - Nothing new to report. The interference or burping sound that is heard on the repeated is on the output frequency. The repeater is not being activated.

a. Club callsign update: Jerry, WB9WBN met with the WI Section Manager, Don Michalski, W9IXG at the Eau Claire Hamfest on 6/10/00. W9IXG offered to help with the callsign at FCC.

5. Training Committee: Dave, KB9JMB - He posted an ad at the grocery store to teach Amateur Radio.

6. VE Testing: Walt, WB0KIN - No change. Lee, KB9QYH offered to become the VEC.

7. Elmers: Jo-Jo, KB9QYH - is interested in working with the experimental bands (160-190KHz) He wants to build a transverter and needs some assistance. He was told to contact Rich Hanneman, W9FYP.

8. Special Projects: None.

9. Social Event: Club's Picnic at Wild Wood Park - 8/06/00.

1. Swapfest at 11 a.m.
2. Potluck at 12 p.m.
3. Possible activity - Fox Hunt in the park

Old Business

1. Logowear - Rich, N9WPH - discussed the

estimates that he received for making an embroidered patch for the Club (\$3.50 to \$7.50 each). No decision was made.

2. Bylaws - Rich, N9WPH - sent a copy of the bylaws to the members who had an email addresses. A committee will be appointed to review the bylaws and make recommendation at then next meeting. Jo-Jo, KB9QYH offered to help Rich, N9WPH and anyone else who wants to help.

3. Field Day, 6/24/00 - the Club doesn't plan to participate. Rich, N9WPH discussed the plans for Field Day by the WVRA in Wausau.

New Business

1. Club advertising: Lee, KB9QYH suggested advertising our availability to perform communication for local events in the Marshfield Chamber of Conference Newsletter.

2. Reflective vests: Lee, KB9QYH commented on some highly visible vests (green and yellow) that he and Jerry, WB9WBN saw at the Eau Claire Hamfest which could be purchased and used by the members at future Club sponsored events. The idea was appealing to the members. KB9QYH and N9LPL will look into pricing. Put the Club's logo on the front and put Communications on the back.

News, Activities, Nets, Packet, Future Hamfests

Rich, N9WPH

- ✓ 6/17/00, Tailgate Swapfest, St Paul, MN.
- ✓ 7/08/00, South Milwaukee Hamfest, WI.
- ✓ 8/06/00, Marshfield Hamnic, WI.
- ✓ 8/12/00, Baraboo Hamfest, WI.
- ✓ 9/15-17/00, Peoria Superfest, IL.
- ✓ 9/23-24/00, Greyslake Hamfest, IL.

Jerry, WB9WBN - shared the Wheaton, IL Repeater Club's Newsletter.

Announcements

None.

Adjournment: Motion - Lee, KB9QYH, 2nd - Dave, KB9JMB. Meeting ended at 2110 hours.

Next meeting: 1930 hrs, 7/02/00.

SwapNet

Lee, KB9QYH - selling 10 channel scanner, best offer.

Jerry, WB9WBN - selling 1987-1998 Repeater Directory, \$1.

Program

None.

Respectfully submitted:
Richard Nesbitt, N9WPH
Club Secretary



SHEBOYGAN County Amateur Radio Club

Sky Borkenhagen, N9XRU, Secretary
N6466 Plank Circle • Glenbeulah WI 53023

2-Meter Repeater: 147.06 Output

The June meeting was called to order by club President Steve, N9TRK, at 7:00 pm. There were seven members present. The SCARC meetings are held every second Tuesday of the month in the Red Cross building at 2032 Eire Ave. in Sheboygan.

Treasurer's report given by Mike, K9SJ. The balance is \$470.

Mike, K9SJ, announced that the pre-amp has been repaired and is back on the 147.06 repeater.

Steve, N9TRK, made a request for more volunteers for the upcoming Leukemia and Lymphoma Society's 8th annual Scenic shore Bike Tour, to be held Saturday, July 22, 2000. Please contact Steve if you're interested in helping.

Final plans were made for Field Day set up and the meeting concluded at 9:00 p.m., following a video review of Field Days past.

Net Schedule

The SCARC 2 Meter net meets Monday nights at 8:00 p.m. on 147.06, PL107.2+. This is a fun net, and all are welcome to join us. Any members willing to take net control for one or more weeks contact Steve, N9-TRK.

Breakfasts

The Saturday morning Sheboygan hams

breakfasts are held at 8:00 a.m. in the following venues:

1st - Jumes in Sheboygan

2nd - Family Restaurant in Cleveland

3rd - Jumping Jacks at Kohler Sports Core

4th - Park View Restaurant, County PP in Sheboygan Falls

5th - Hill Farm Restaurant, County V and OK in Sheboygan

Email List

If you use e-mail, consider signing up on the Sheboygan Hams mailing list. Simply submit your e-mail address to: <julian@bongo.tele.com>. All e-mail sent to <shebham@tele.com> will be forwarded to all listed subscribers. Thanks, N6ARE, for providing this mail server for SCARC use!

Club mailing address

SCARC, PO. Box 1282, Sheboygan, WI 53081-1282.

Respectfully Submitted:
Sky Borkenhagen, N9XRU

Scholarships

Continued from page 6

FAR-administered awards were also won by Wisconsin amateurs.

AM International Special Silent Key Memorial Scholarship \$500

Christopher Molek, KB9GTK, Richland Center

QCWA Memorial Scholarship \$1000

Samuel Larson, N9JQO, Stevens Point, WI

WARAC Memorial Scholarships 2 at \$1000 each

Sponsored by the West Allis
Radio Amateur Club

Phillip A. Bogacki, KB9KFE, Milwaukee, WI

Michael R. Placek, KB9SCH, Oak Creek, WI

Thank you for reading Badger
State Smoke Signals!

South Milwaukee Amateur Radio Club Scholarships 4 at \$500 each

Gregory W. Gryzwa, KB9KUY, Marinette, WI

Kurtis M. Kaun, N9PPF, Hudson, WI

Andrew A. Knitt, KB9JOZ, Rhinelander, WI

Andrew J. Wagner, KB9TAC, Menomonie, WI

Ozaukee Radio Club Scholarship \$1000

Michael M. Imrick, KB9LPJ, Mason, WI

More information about scholarships administered by FAR is available from:

FAR Scholarships
Post Office Box 831
Riverdale, MD 20738

Looking for a Wisconsin ham's email address?

You'll find a long list of them and a lot of
other good stuff at

<http://www.bsas.org>

Our gratitude goes to all of the volunteer writers, photographers and cartoonists whose work you see every month in this newspaper. They, like the staff, are all volunteers, and give willingly of their time and talents to tell their stories and to help educate all of us in many areas and ways. Without them, this newspaper could not and would not exist. Their dedication is remarkable.



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association
Allen Schnepf, N0GMJ, Treasurer
Ogema, WI 54459

Andy Nemec, KB9ALN, editor - 453 Cottage Grove Avenue - Green Bay, WI 54304 - e-mail: kb9aln@juno.com

WAPR News - July, 2000

by Andy Nemec, KB9ALN

Hello, everyone. Hope you had a safe and happy Field Day as well as the holiday on the 4th.

I do have some very sad news to report this month. In the early morning hours of June 20th, Ron Nelson, N9CFN passed away.

Ron was one exceptional human being. A WAPR board member, a knowledgeable and pioneer packet operator, and mentor to many who spent time on packet in Green Bay (myself included). In addition to his freely given time spent helping hams, he also helped maintain the computers at his church, taught Sunday school and helped his many friends in whatever way he could. All of this while battling chronic Rheumatoid Arthritis, which kept him in pain a good deal of the time.

I knew Ron not only as a packet operator, but through involvement in our local ham radio clubs. Any time he could help with a project, he was there. If anyone was involved in a conversation on the local repeater and had some kind of question concerning computers or ham radio, Ron would appear out of the silence, announce his call-sign, and help answer the question.

We have a lot to thank Ron for - even though he would not hear of such a thing as public recognition. He will be sorely missed.

This does bring up another situation that I mentioned last month. Ron was the IP address coordinator for Wisconsin and the Upper Peninsula of Michigan. When he was first diagnosed with cancer a year ago, he made plans for some of the roles he had assumed in the event that he did not win the battle with this awful disease. One was the IP address coordinator position. He asked if I could take the job over if he passed on. I agreed, hoping that I would never have to do so.

So, if you need an IP address, contact me through one of the addresses at the top of this page.

There is other information that I do need to report this month. The first is a minor correction involving the instructions for filing a report with the Green Bay National Weather Service via the packet station. In those instructions, I said that you need to disconnect from the station before your message will be printed. I have since seen that this is not true. The message prints as soon as you see a "Msg. queued" response from the station. You'll see this response after sending the Control-Z or /EX to close out the message. A minor point, I know, but knowing that does take a little pressure off the operator making the report.

This does not mean that operators should stay connected for long periods of time when it's not necessary (which it can be at times). Remember that maintaining a network connection, even if you are idle, takes up network bandwidth. So if you don't anticipate sending a message for a long period of time, please disconnect so that others may have an easier time.

Now on to some other news. Sad to say, but WAPR has lost its Web site. Steve, KE9LZ has been kind enough to not only provide space for the site, but has been taking the time to maintain it as well. Steve no longer has the time to keep it, and has switched internet providers.

WAPR does wish to have a presence on the World Wide Web however, and as soon as we can arrange a site to replace this one, I'll announce it here.

Also mentioned last month was the possibility of reactivating the 145.010 VHF backbone frequency at

9600 bps (rather than 1200 bps). This would be on a "point-to-point" basis, not a wholesale uncoordinated inhabitation of the frequency. Another prerequisite is to coordinate operation on a "non-interference" basis.

So far I have heard no comments at all on this. Joel, N9BQM has not either, and we are still looking for your comments. Please do not just set up a node on 145.010 without getting it coordinated, we do not wish to create another mess that we once had on that frequency. Contact myself or Joel with comments or questions. You can reach Joel via packet at:

N9BQM@N9BQM.EN44WK.WI.USA.NOAM
Or by E-Mail at:
jpapke@badger.tds.net

This does get us thinking about a related issue that we'd also like to hear your comments on - future usage and speeds on the VHF frequencies. The general trend

in packet is to advance up to 9600 bps. Most 9600 bps operation is currently done on UHF, but there is no reason it can't be done on VHF. Do we want 9600 bps on our VHF user LANs? How do we proceed with an orderly transition that will allow us some backward compatibility if we want our user LANs at a faster speed? 9600 bps stations and 1200 bps stations do not coexist nicely on the same frequency, so we will have to decide how we will handle this in the future.

Now a word about this month's Packeteer page. Due to illness, I was unable to finish a companion article for this month. So I beg your indulgence and will return with something next month. Until then, 73 from Andy.

THE TESTPOINT

(continued from page 3)

SHEBOYGAN, WI

Saturdays, May 20 and September 16: 8:30 a.m.

registration, 9 a.m. testing.

Tuesdays, July 18 and November 21: 6:30 p.m. registration, 7 p.m. testing.

All sessions will be held in the Red Cross building, 2023 Erie Avenue, in the main level classroom area. This testing site is handicapped/wheelchair accessible. Preregistration is appreciated so we don't get caught short of forms and examinations, but walk-ins are welcome. Contact: Art Pahr, K9XJ, N8029 Willow Road, Plymouth, WI 53073-2929. (920) 876-2370. K9XJ e-mail: <k9xj@excel.net>

ONALASKA, WI (ARRL/VEC)

September 16 and November 4. The Riverland Amateur Radio Club will hold test sessions at the Onalaska Public Library, 741 Oak Avenue South. Registration begins at 9:00 a.m. Please bring two forms of identification and two copies of all original documents, CSCEs, license, etc. For more information contact: Roger Reader, KA9BKK, 526 13th Ave. N., Onalaska, WI 54650. (608) 783-0723.

MEDFORD, WI (ARRL/VEC)

Saturday, May 20. Sponsored by the Taylor County Area Amateur Radio Club. Testing for all classes, Novice through Extra. Registration starts 8:30 a.m., testing starts 9:00 a.m. Location: The community meeting/conference room in the lower level of the Sheriff's Department annex to the Taylor County Courthouse, corner of 2nd and Ogden Sts., Medford, WI.

Take Ogden St. west off of Hwy. 13 to the courthouse. Park on the street or in the parking lot on the south side of the courthouse. Use one of the two entrances there. Watch for the signs when you get into the building. Talk-in on the 147.15 (+600 kHz, 114.8 PL) repeater. Walk-ins welcome, but if you know you'll be attending, please let us know. Contact: Tom Hrdina, N9GEN, 2373 Willow Ave., Medford, WI 54451. (715) 748-4054. E-mail: Mike, N9GHZ, muzikman@pcpros.net.

WISCONSIN AMATEUR PACKET RADIO MEMBERSHIP APPLICATION

PLEASE PRINT

NAME: _____ CALL: _____ HOME PHONE: (____) _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

HOME BBS: _____ FREQ. _____ (Listing your home BBS is important)
Your HOME BBS should be a full service BBS, not your TNC's mailbox.

MY PACKET STATION OPERATES: _____ DAY _____ NIGHT _____ 24HRS

I OPERATE A: _____ DIGIPEATER WITH ALIAS OF: _____

_____ FULL SERVICE BBS

PRIMARY PACKET INTEREST/EXPERTISE IS: _____

_____ YES I want to receive Badger State Smoke Signals and I understand that part of my dues goes to pay this subscription. cost \$20.00

_____ NO I do not wish to receive Badger State Smoke Signals as a part of my WAPR membership. Cost \$15.00

COMPLETE and return this form with your check or money order - \$15.00 membership only or \$20.00 membership and Badger State Smoke Signals. made payable to W.A.P.R. to:

Allen Schnepf, N0GMI, Treasurer
W5000 SR 86
PO Box 558
Ogema, WI 54459

PEWAUKEE, WI (ARRL/VEC)

First Saturday in months school is in session. Exams held at Waukesha County Technical College Science Building. WCTC is on Highway JJ off Hwy 16 from the East I-94 and Hwy T from West I-94 just north of GE Medical Systems. Handicapped parking is at the rear of the building. Tests start at 9 a.m. and registration ends at 10 a.m. Contact: Al Johnson, AA7CS, (920) 568-0836, email aa7cs@arri.net; Roger Bradley, AA9OJ, (262) 691-3089 or SEWFARS Repeater club, c/o Jam Lazachek, KF9GG (262) 650-0724.

Thanks Al Johnson, AA7CS

HUDSON, WI (ARRL/VEC)

Sponsor: St. Croix Valley AR Testing Col. Time: Call for time and walk-in info, Contact: Gregory Miller (715)386-9857 Location: St. Croix County Emergency, Government Center by jail, Carmichael Rd. lower level, Hudson, WI 54016. (Information tax ARRL Web site)

FRIENDSHIP, WI (ARRL/VEC)

Sponsor: Adams County ARC. Location: Adams-Columbia electric Cooperative (Community Room), 410 E. Lake St., Friendship, WI 53934. Contact: Karl Simonson, KB9EQI, (608) 565-6533. kb9eqi@iname.com

WAUSAU, WI

Updated information needed.

HAMFEST EXAMS

Cedarburg WI - ORC Hamfest
Green Bay WI - ARES Hamfest
Hayward WI - Hayward Hamfest
Kaukauna WI - Swapfest
Manitowoc WI - Lakeshore Hamfest
Oak Creek WI - SMARC Hamfest
Racine WI - Racine Hamfest
Rhinelander WI - NWARC Swapfest
Rockford IL - RARC Hamfest
Rothschild WI - WVRA Hamfest
South Milwaukee, WI - SMARC Hamfest
Stevens Point, WI - CWRA Swapfest
Waukegan WI - KMRA Swapfest
Waukesha WI - Midwinter Swapfest
Dubuque IA - Hamfest

See the Swapfest page for additional information and contact persons.

IN THE NEIGHBORHOOD**DUBUQUE, IOWA**

Dubuque Hamfest. Contact: Carl Clark, N0KAX, 2145 Delicia Drive, Dubuque, IA 52001. (319) 557-9149.

ROCKFORD/LOVEPARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (W5YI VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Contact: Rusty Cordell, WB9QYV, 1823 Hulin St., Rockford, IL 61102-2619. (815) 968-0080. e-mail WB9QYV@aol.com

MINNESOTA TEST INFORMATION From The Ground Wave, Saint Paul Radio Club.

Saint Paul Radio Club (SPRC)

TESTING: First Saturday of the month, 8:30 a.m. Contact: Lou sica, Jr., (651) 481-8522 for more information. Test Site: St. Paul Technical College 235 Marshall Ave. St Paul, MN

Anoka Amateur Radio Club (AARC)

TESTING: Second Saturday of the month, 9 a.m. Contact: Craig Johnson, AA0ZZ (651) 483-3143 Test Site: Blaine City Hall 9150 Central Ave NE Blaine, MN Bloomington Office of Emergency Management

Bloomington Amateur Radio Club (BARC)

TESTING: Fourth Saturday of the month, 9 a.m. Contact: Dan Royer, KE0OR (612) 888-9756 Test Site: Fire Station No. 1 94th St. & Nicollet Avenue S. Bloomington, MN

Valley Amateur Radio Club (VARC)

TESTING: Second Thursday of the month, 7 p.m.

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)

Leonard Wagner, N9XJG, Secretary
E10262 Hootowl Drive · Baraboo, WI 53913

Steve Schultze, Club President, Called the June 6, 2000 meeting of the Yellow Thunder Amateur Radio Club, Inc. to order at 19:49. The minutes of the May meeting were accepted as published in the Smoke Signals and the members e-mail. A treasurers report was given by Bill Klinkner. He reports we still have money even after paying our Insurance Premium.

OLD BUISNESS: The Club has purchased an Astron RS 20 power supply and donated it to the Emergency Government Radio room.

The ID'er was changed and back-up power was installed on the repeater. The tone squelch for the repeater was set to 123 mhz. and turned on. The 100 mhz. tone was turned off because of some interference problems.

NEW BUISNESS: Congratulations to Raymond Matlosz on his recent upgrade to Amateur Extra Class.

Field Day is June 24th and 25th. We'll be located at the usual location in Owen Park. Bring your own

Contact: Bill Martin, AI0D (612) 432-0438 Test Site: Hayes Community Center 14601 Hayes Road Apple Valley, MN

W5YI Group

TESTING: Third Tuesday of the month, 6:30 p.m. Contact: Dave Ranney, N0AXL (612) 542-2553 Test Site: Eden Prairie Library 479 Eden Prairie Drive Eden Prairie, MN

SE Metro Area Radio Club (SEMARC)

TESTING: Third Saturday of the month, 9 a.m. Contact: Dave Harrell, K0BTE (612) 459-8678 Test Site: Cottage Grove fire Station 8641 80th ST., S Cottage Grove, MN.

The times and places listed above are the usual time and place for each VE team. Occasionally, sessions are canceled or changed. It is a good idea to call ahead to confirm the test time and place.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to kebnet@palacenet.net.



FOR SALE: Simson VOM, Model 260-6LPM, new in the box with instructions. \$165.00. Dave Witt, WS9T (920) 685-5108

WORDS OF WISDOM:

Tonight's weather: Dark with continued darkness until dawn.

Radioactive cats have 18 half-lives.

If you can't convince them, confuse them.

meat to grill and an optional dish to pass.

An Amateur Radio Exam session will be held at our August 1st club meeting. Tests will be given by reservation. There will also be an open exam session at the Circus City Hamfest on Aug 12th.

There will be no scheduled meeting in July. But listen to the net on 147.315 Sunday evenings at 8:00 pm for any updates. The next scheduled meeting is Aug 1, 2000 at 7:30 pm. in room 18 of the Civic Center.

Meeting was adjourned at 21:15

The following members were present at the meeting.

Raymond Matlosz	N9MLZ	Reedsburg
Duane Grotophorst	N9DG	North Freedom
Steve Schwoegler	K9WD	Wis. Dells
Thomas Harrison	N9PQJ	Reedsburg
Peter Sweeney	WD9JIB	Reedsburg
Steve Schulze	N9UDO	Baraboo
Leonard Wagner	N9XJG	Baraboo

I used to have an open mind but my brains kept falling out.

Multitasking - screwing up several things at once.

Beat the 5 o'clock rush - Leave work at noon!

I couldn't repair your brakes, so I made your horn louder.

Shin: a device for finding furniture in the dark.

Artificial intelligence is no match for natural stupidity.

Polynesia: memory loss in parrots.

Oh Lord, give me patience...and GIVE IT TO ME NOW!

A good pun is its own reward.

I used to be indecisive. Now I'm not sure.

I'm writing a book. I've got the page numbers done.

Laughing stock: cattle with a sense of humor.

The Fox Cities ARC (Appleton, WI) will operate W9ZL Special Event Station from the world's biggest Fly-in, EAA Airventure '2000 held at Wittman Regional airport in Oshkosh, WI.

SSB and RTTY operation will begin on Friday, July 28th thru Sunday, July 30th in the general portions of the phone bands.

Operators of the club will man the station from 9:00 a.m. to 4:00 p.m. CDT daily.

A special 8" x 10" certificate is offered for contacts with proper QSLs.

QSL to:
Wayne Pennings, WD9FLJ
913 N. Mason
Appleton, WI 54914

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HAM IT UP EVERY SPRING! MADISON SWAPFEST

Thank you for attending the
Madison Swapfest.
See you in 2001!

P. O. Box 8890 Madison, WI 53708-8890
Swapfest Information Line: (608) 245-8890

SOUTH MILWAUKEE AMATEUR RADIO CLUB SWAPFEST 00

July 8, 2000

(Held every July)

American Legion Park

Shepard Avenue • Oak Creek, WI

(414) 762-3235

P. O. Box 102

Extension: Ask for Verne

South Milwaukee, WI 53172

SEWFARS SWAPFEST

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SUNDAY, MARCH 12, 2000

8:00 A.M. - 2:00 P.M.

Setup Starts at 6:00 A.M.

For more information, call (414) 835-7035

LAKE SHORE HAMFEST AND COMPUTER SWAPFEST

Manitowoc County Expo

Intersection of Hwys 42-151 and I-43 on Cty Highway R

Saturday, May 13, 2000

For more information, call:

Red, N9GHE • (920) 84-3733

Dick, N9QFY • (920) 682-9264

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Fort Atkinson, WI 53538

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formerly known as LAMARSfest
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Radio, Electronic, Computer Swapfest

03/25/01

North Shore Radio Club / Box 1066 Highland Park, IL / 60035

Eau Claire Amateur Radio Club

HAMFEST 2001

Saturday, June 9, 2001

For Information Contact:

Jim Staatz KG9RA at 715-838-9108

P.O. Box 1867 Eau Claire, WI 54702-1867

<http://www.ecarc.org> w9eau@ecarc.org

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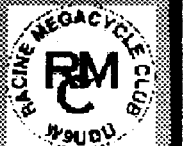
Phone:

262-562-6762

E-Mail:

w9udu@w9udu.org

Contact us or keep
checking our web
site for details on
upcoming events.



Ozaukee Radio Club 22ND ANNUAL RADIO AND COMPUTER SWAPFEST Saturday, May 6, 2000

8 a.m. to 1 p.m. • Circle B Recreation Center

Intersection of Highway 60 and County I

Exams by Badger Examiners, c/o Gary Sharbuno,

5119 W. Willow Rd., Brown Deer, WI 53222

Swapfest sponsored by the Ozaukee Radio Club

1702 Holly Lane, Grafton, WI 53024

Circus City Swapfest

Sponsored by The Yellow Thunder Amateur Radio Club

Saturday August 12, 2000 • 7 am - Noon

Sauk County Fairgrounds • Baraboo, WI

Vendors • Concessions
Camping • Free Parking
Tail Gate Area

\$4 - Advanced
\$5 - At Gate
8 Foot Tables - \$5

Steve Schulze, N9UDO
(608) 356-2313/356-4777
<http://members.baraboo.com/sschulze/hamfest.htm>

Bill Klinkner, N9KXX
(608) 643-6908/643-6453

Red Cedar Repeater Association, Inc.

AUCTION

February 27, 2001 • 7:00 p.m.

American Legion Post 53 • 634 Water Street

Eau Claire, WI

CONTACT:

Steve Hart, KA9OMC
E616 810th Ave.

715-665-2374
Knapp, WI 54749

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